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Besides including these interesting novelties, Dr. Merrill's paper, like Mr. Sennett's, gives copious field notes of habits gathered in the course of the author's long experience with the subjects of his communication. The list of species reaches the large number of 252; and yet we understand that none are included which did not come under Dr. Merrill's personal observation. This is certainly a good showing, though doubtless no one knows better than the author himself that still further additions remain to be made to it. The large collections upon which the list is based were sent to the Smithsonian from time to time, and there carefully examined by Mr. Ridgway, upon whose authority the identifications rest. The same ornithologist has added much to the value of the paper by his critical commentary, and his insertion of extensive synonymatic lists and descriptions of the species new to our fauna or otherwise specially noteworthy. The evident care with which he has made his determinations causes us to regret the more our difference of opinion respecting the identification of the Mexican *Myiarchus*, which we had before satisfied ourselves to be *erythrocercus* of Sclater and Salvin, and a geographical race of *crinitus*. It seems to us useless to attempt to do anything with so doubtful a bird as *cooperi* of Kaup; and we must adhere to our previous decision. The hummers before announced as *Amazilia cerviniventris* and *Pyrrhophæna riefferi* are renamed respectively *A. yucatanensis* and *A. fuscicaudata*. The paper is further enriched by various oölogical notes contributed by Dr. Brewer, who appears to have examined the very large number of eggs collected by Dr. Merrill, and who has also given that slight sketch of the geographical distribution of *Podiceps dominicus*, to which we have already alluded. It is accompanied also by three of Mr. Ridgway's plates, so excellent in details of external form, representing *Parra gymnostoma*, *Æchmoptila albifrons*, *Nyctidromus albicollis* and several species of *Caprimulgus*. Under such circumstances, both of authorship and editorship, it is not surprising that the paper forms one of the most notable contributions ever made to Texan ornithology, being, as such, quite worthy to rank with those of Sennett and Henshaw.[1]—*E. C.*

RECENT BOOKS AND PAMPHLETS.—On the apical and oral Systems of the Echinodermata. By P. Herbert Carpenter. Part II. (Reprinted from the Quarterly Journal of Microscopical Science, XIX, new series.) 8vo, pp. 31.

The Geology of the Diamantiferous Region of the Province of Paraná, Brazil. By Orville A. Derby. (English version.) (Read before the American Philosophical Society, May 16, 1879.) 8vo, pp. 8.

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[1] See also Mr. Brewster's review of the same paper, in the Nuttall Bulletin for January, 1879, pp. 50–52. A private note from Dr. Merrill informs us of a few typographical oversights which may be here noted. Page 128 *Embernagra rufivirgata*; p. 138 *Myiarchus erythrocercus*; p. 134 *Sturnella mexicana* should all be asterisked, and p. 133 *Sturnella magna* should not be thus marked. Page 131 insert initials "R. R." after "habitat;" p. 156 ditto after "measurements." Page 164 under *Herodias egretta*, the reference to "the preceding species" means *Plegadis guarauna* not *Ardea herodias*.

A List of the Fishes of Essex County, including those of Massachusets Bay, according to the latest results of the work of the U. S. Fish Commission. By G. Brown Goode and Tarleton N. Bean. (From the Bulletin of the Essex Institute, Vol. XI.) 8vo, pp. 38.

Notice of Recent Scientific Publications in Brazil. O. A. Derby on the Geology of the Lower Amazonas. By Richard Rathbun. (From the American Journal of Science and Arts, Vol. XVII, June, 1879.) 8vo, pp. 5.

Geological History of Jersey County. By Hon. William McAdams. Otterville, Ill. 4to, pp. 24.

Ist das Eozoon ein Versteinerter Werzeffüsster oder ein Mineral gemenge? Von Dr. Karl Möbius. (Separatabdruck aus der Zeitschrift. "Die Natur," Jahrgang, 1879, Ur. 7, 8, 10, Nalle.) 8vo, pp. 29, 21 illustrations.

Notes on Pacific coast Crustacea. By W. N. Lockington. (From the Bulletin of the Essex Institute, Vol. X, Nos. 10, 11, 12, 1878.) 8vo, pp. 7.

Description of a new species of Chirocephalus. By John A. Ryder. (From Proceedings of the Academy of Natural Sciences of Philadelphia.) 8vo, pp. 2.

Boletin del Ministerio de Fomento de la República Mexicana. (Daily Weather Report.) Folio. April 17th to May 8th, 1879. Mexico. From the Director of the Observatory.

Index Medicus: A monthly classified record of the current medical literature of the world. Compiled under the supervision of Dr. J. S. Billings, surgeon U.S.A., and Dr. Robert Fletcher, M.R.C.S., Eng. Vol. I, No. 4, April, 1879. 8vo, pp. 169–220. New York, F. Leypoldt. From the editors.

Catalogue of the Flowering Plants, Ferns and Fungi growing in the vicinity of Cincinnati. By Jos. F. James. 8vo, pp. 27. (Abst. from the Jour. Cin. Soc. Nat. History, April, 1879.) From the author.

A Revised List of Birds of Central New York. Based on the observations of Frank R. Rathbun, H. Gilbert Fowler, Frank A. Wright, Samuel F. Rathbun. Collated and prepared by Frank R. Rathbun. 8vo, pp. 47. Auburn, N. Y. (April 17th), 1879. From the Compiler.

Beskrivelse af Hovedskallen af et Kæmpedovendyr, Grypotherium Darwinii, fra La Plata-Landenes plejstocene Dannelser. Af. J. Reinhardt. Avec un résumé en Francaise. (Abst. Videnskab. Selsk. Skr., 5 Raekke. Naturvidenskabelig og mathematisk Afd. XII, 4.) 4to, pp. 353–380, Taf. I and II. Kjöbenhavn, 1879. From the author.

Characeæ Americanæ. Illustrated and described by Timothy F. Allen, A.M., M.D., etc. Part II.—Chara crinita Wallr. var. Americana. 4to, text and one plate. Published by the author, No. 10 E. 36th street, New York. From the author.

Aberrant dentition of Felis tigris. By R. Lydekker, B.A. (From Jour. Asiat. Soc. Bengal, Vol. XLVII, pt. II, 1878. Read Feb. 6, 1878.) 8vo, pp. 3, pl. I. From the author.

Further notices of Siwalik Mammalia. By R. Lydekker, B.A. Geol. Survey of India. (From Records Indian Geol. Surv., No. 1, 1879.) 8vo, pp. 33–52, with a plate. From the author.

Geology of Kashmúr (3d notice). By R. Lydekker, B. A. (Records Geol. Surv. of India, No. 1, 1879.) 8vo, pp. 15–32, and map. From the author.

Palæontologia Indica. (Memoirs of the Geological Survey of India.) Ser. IV. Indian Pretertiary Vertebrata. Vol. I, part 3.—Fossil Reptilia and Batrachia. By R. Lydekker, B.A., of the Survey. 4to, pp. 36, and six plates. Calcutta, 1879. From the author.

Anales del Museo Nacional de Mexico. Tomo I, Entrega 6a. 4to, pp. 237–278, 3 plates. Mexico, 1879. From the director of the Museum.

The Quarterly Journal of the Geological Society, Vol. XXXV, No. 138, May 1, 1879. 8vo, pp. 350, pls. 4. London, Longmans, Green, Reader and Dyer. From the Society.

Bulletin of the American Metrological Society. Officers, Committees, Constitution, By Laws. New York, 1879. From the society.